

Appl. No 10/712,815

Amdt. Dated

Reply to Office action of 04/25/2005

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

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Listing of Claims:

1. (Currently amended) A connector for an optical transmitting and receiving device, comprising:

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a housing provided with a chamber and a plug jack, on an outer surface of [both] a pair of opposite sidewalls of the housing respectively formed [with] a groove, between one of the sidewalls and the chamber thereof defined two lugs and a recess ~~defined~~, and on wall of the recess provided [with] a through hole;

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a spring received in the recess in a manner that an end of [which] the spring protrudes out of the housing and another end of the spring [same] inserts through the through hole on the wall of the recess;

an assembly part including at least a top portion and a pair of first opposite sidewalls, a window formed at the top portion and an open mouth formed opposite to the top portion, on the internal surface of a pair of second

opposite sidewalls ~~which stand~~ perpendicular to the top portion provided [with] reducing holes, the paired first opposite sidewalls provided with protrusions, at least between one of the paired opposite first sidewalls and the top portion provided [with] cavities, and thus the assembly part will be firmly fixed to the
5 housing by the insertion of the lugs of the housing in the respective cavities in the assembly part; and

a cover, ~~at a side of which,~~ provided at a side thereof with a shaft, ~~the~~ shaft serving to engage in [the] a bigger-radius portion of the reducing holes of the assembly part, an end of the spring employed to push against the
10 bottom of the cover.

2. (Currently amended) The connector for an optical transmitting and receiving device as claimed in claim 1, wherein a positioning notch is provided on a bottom of the cover for ~~fitting with~~ positioning an end of the spring.

15 3. (Currently amended) The connector for an optical transmitting and receiving device as claimed in claim 1, wherein a positioning notch is provided on a bottom of the cover, ~~the positioning notch is formed by an interval~~ and is located between two parallel opposite protruding plates.

20 4. (Currently amended) The connector for an optical transmitting and receiving device as claimed in claim 1, wherein a groove is provided on a top surface of the cover.

5. (Currently amended) The connector for an optical transmitting and receiving device as claimed in claim 4, wherein the cover is provided on its top surface with a groove, ~~in the groove~~ in which is ~~further~~ defined a

big-radius cavity.

5 6. (Currently amended) The connector for an optical transmitting and receiving device as claimed in claim 1, wherein the cover is provided on its top surface with a groove, ~~in the groove~~ in which is ~~further~~ defined a big-radius cavity.

10 7. (Currently amended) The connector for an optical transmitting and receiving device as claimed in claim 1, wherein shoulder portions are defined between the paired first opposite sidewalls and the top portion of the assembly part ~~is provided with shoulder portions,~~ each of the shoulder portions [are] is defined with cavities for engaging with the plugs of the housing.

8. (Currently amended) The connector for an optical transmitting and receiving device as claimed in claim 1, wherein the reducing holes on the assembly part ~~extend~~ are connected to the window.

15 9. (Currently amended) The connector for an optical transmitting and receiving device as claimed in claim 1, wherein a chute is provided at the both sides of the housing for fitting a first and a second ends of the spring respectively, by such arrangements, the spring is firmly positioned.